

Wildfire Data Fiscal Year 2009



Mississippi Forestry Commission
660 North Street, Suite 300
Jackson, Mississippi 39202

www.mfc.state.ms.us

This page was intentionally left blank.

Table of Contents

Wildfire Data By Districts.....	1
Number of Wildfires By County.....	4
Acres Burned By County	5
Statewide Five-Year Wildfire Summary.....	7
Wildfires By Fire Causes Categories	9

Table of Graphs

Graph 1: Number of Wildfires By District For Fiscal Year 2009.....	1
Graph 2: Acres Burned By District For Fiscal Year 2009	2
Graph 3: Wildfires By Districts For Fiscal Year 2009.....	3
Graph 4: Acres Burned By District For Fiscal Year 2009	3
Graph 5: Top Ten Counties By Number of Wildfires for Fiscal Year 2009.....	6
Graph 6: Top Ten Counties By Acres Burned For Fiscal Year 2009.....	6
Graph 7: Number Wildfires (5 Year Average).....	8
Graph 8: Acres Burned (5 Year Average)	8
Graph 9: Average Acres Burned Per Wildfire (5 Year Average).....	8
Graph 10: Wildfires By Wildfire Causes For Fiscal Year 2009.....	10
Graph 11: Percent of Wildfires By Wildfire Causes For Fiscal Year 2009	10
Graph 12: Acres Burned By Wildfire Causes For Fiscal Year 2009.....	11
Graph 13: Percent of Acres Burned By Wildfire Causes For Fiscal Year 2009	11
Graph 14: Wildfires By Wildfire Causes (5 Year Average)	12
Graph 15: Acres Burned by Wildfire Causes (5 Year Average)	12
Graph 16: Wildfires By Wildfire Causes (10 Year Average)	13
Graph 17: Acres Burned By Wildfire Causes (10 Year Average).....	13

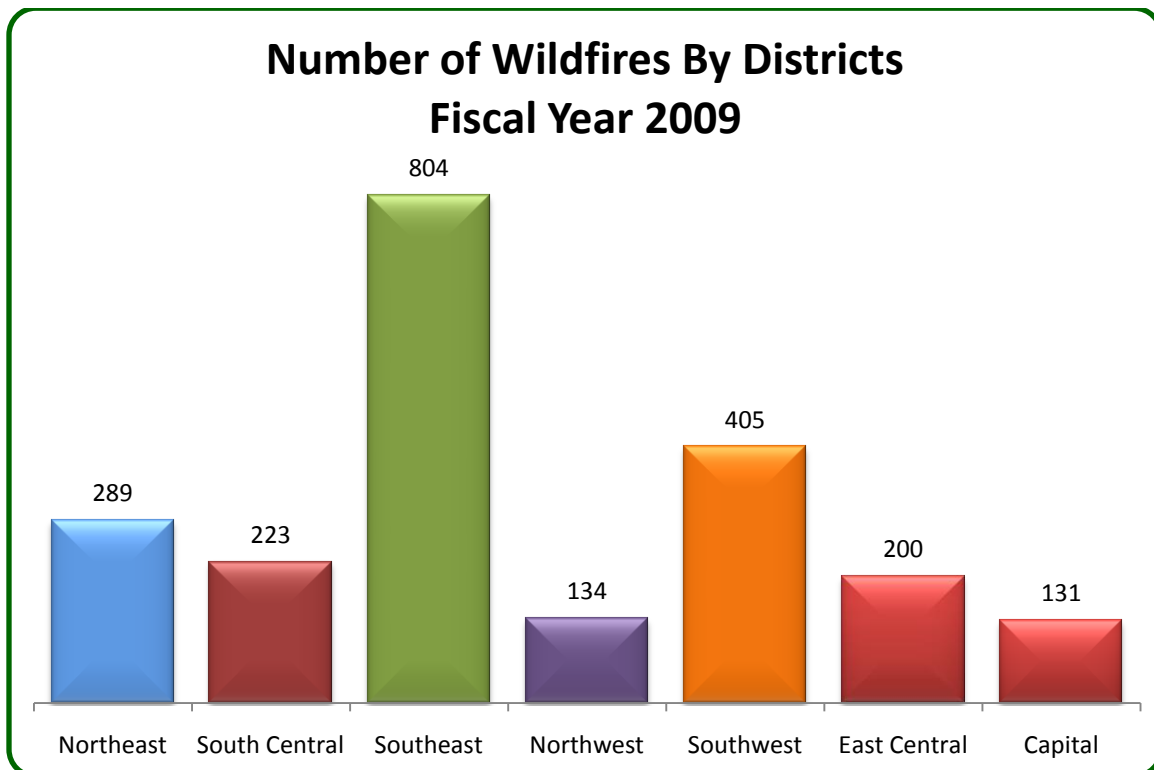
This page was intentionally left blank.

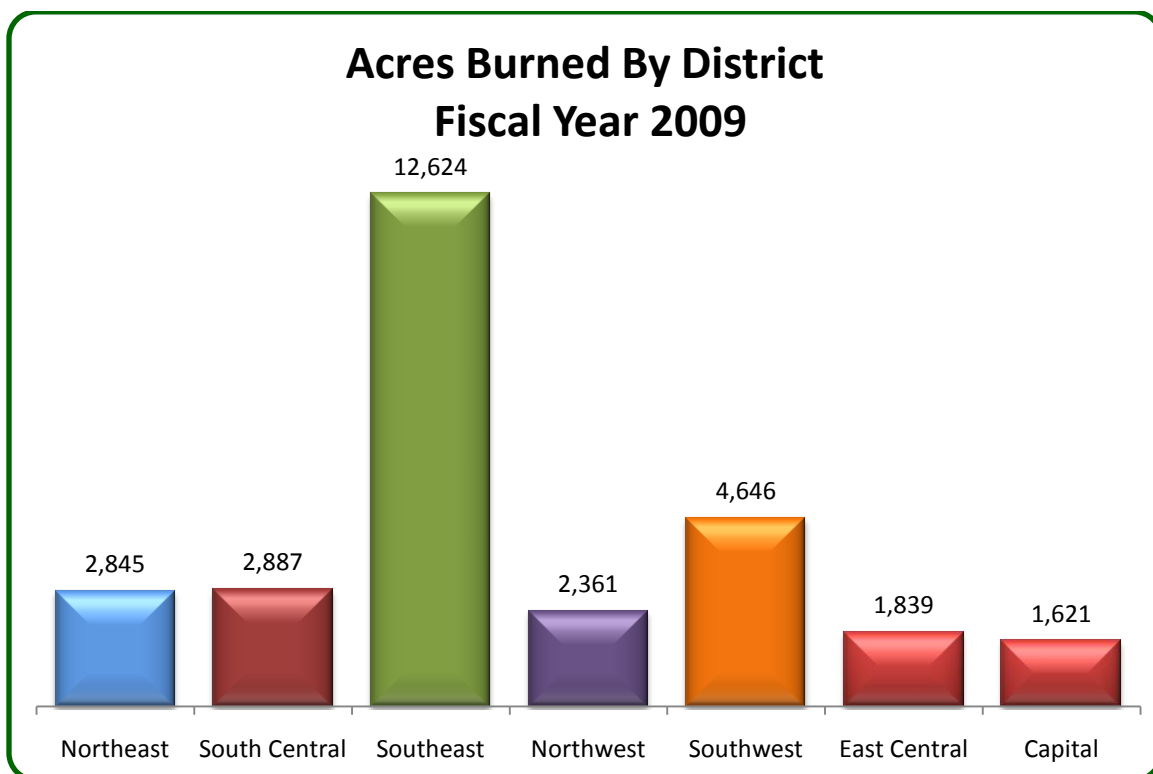
Wildfire Data By Districts

Fiscal Year 2009

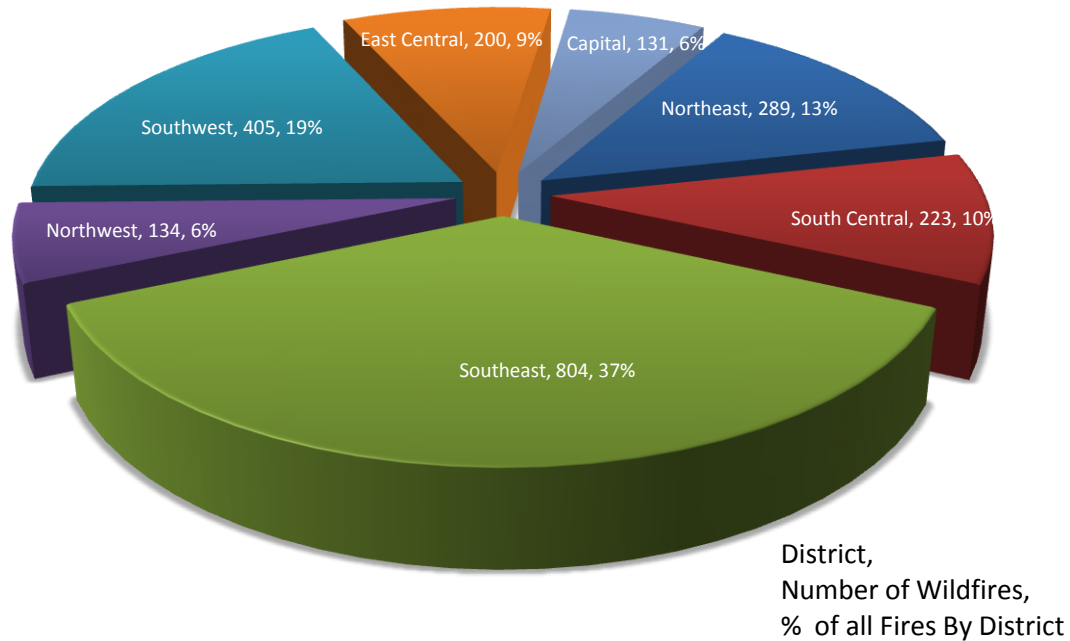
07/01/2008 to 06/30/2009

<u>District Name</u>	<u>Total Fires</u>	<u>Total Acres</u>	<u>False Alerts</u>
Northeast	289	2,845	27
South Central	223	2,887	20
Southeast	804	12,624	111
Northwest	134	2,361	27
Southwest	405	4,646	67
East Central	200	1,839	12
Capital	131	1,621	13
Total All Districts	2,186	28,823	277

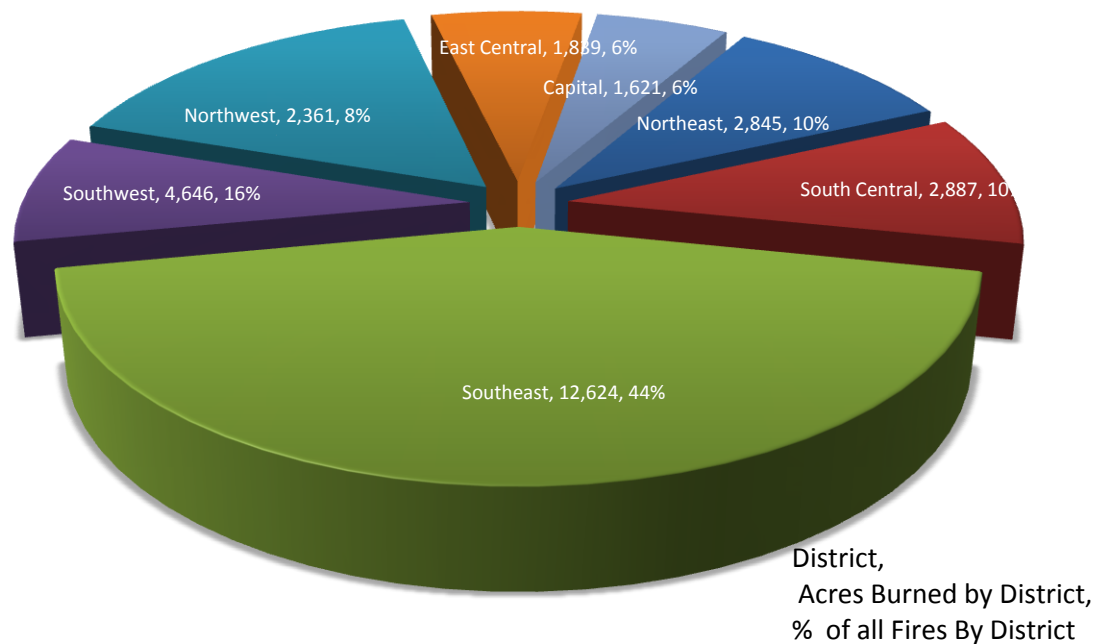




Wildfires By Districts Fiscal Year 2009



Acres Burned By Districts Fiscal Year 2009



Number of Wildfires By County
From 07/01/2008 to 06/30/2009

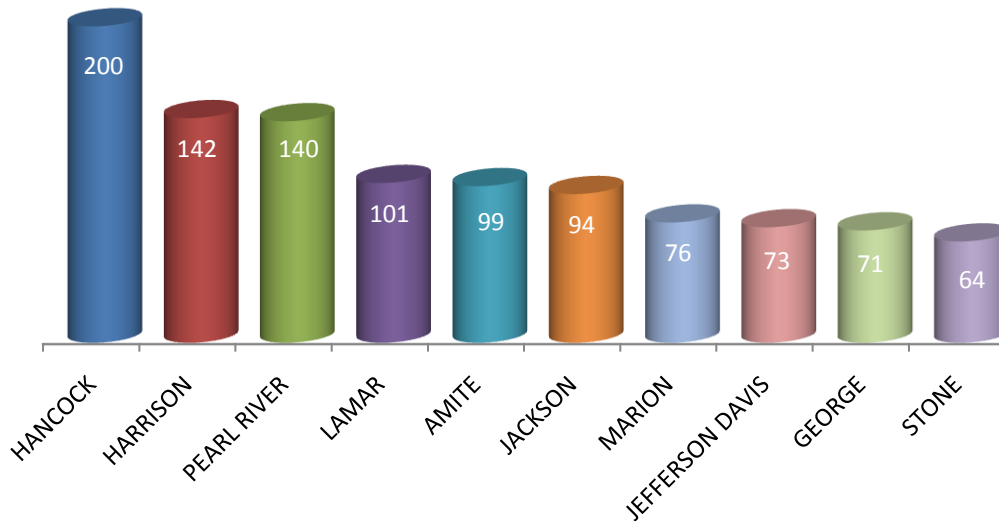
County Name	Total Fires	Acres Burned	County Name	Total Fires	Acres Burned
Hancock	200	2,466	Jones	25	204
Harrison	142	2,079	Winston	25	477
Pearl River	140	1,724	Lauderdale	24	146
Lamar	101	1,539	Newton	24	121
Amite	99	1,092	Franklin	23	151
Jackson	94	2,155	Rankin	23	247
Marion	76	470	Kemper	21	278
Jefferson Davis	73	526	Hinds	19	274
George	71	787	Smith	19	282
Stone	64	554	Wilkinson	18	170
Lincoln	57	734	Lowndes	16	149
Holmes	52	634	Jefferson	15	60
Leake	51	267	Grenada	14	190
Tishomingo	45	387	Madison	14	182
Pike	43	319	Neshoba	14	37
Marshall	42	558	Union	14	109
Wayne	42	1,256	Lafayette	12	191
Forrest	40	234	Claiborne	11	319
Greene	38	736	Panola	11	220
Jasper	38	191	Prentiss	11	57
Alcorn	36	438	Scott	11	73
Copiah	36	248	Tallahatchie	11	160
Tippah	36	234	Lee	10	57
Walthall	36	783	Clay	9	34
Simpson	34	205	Montgomery	9	352
Attala	32	294	Pontotoc	9	61
Webster	32	204	Calhoun	8	56
Covington	31	204	Choctaw	8	34
Lawrence	31	320	Oktibbeha	8	51
Carroll	29	150	Tate	8	280
Clarke	29	306	Chickasaw	6	13
Itawamba	28	216	Noxubee	5	48
Perry	28	370	Yazoo	5	86
Yalobusha	27	375	Adams	1	10
Monroe	26	146	Issaquena	1	40
Benton	25	288			

Acres Burned By County

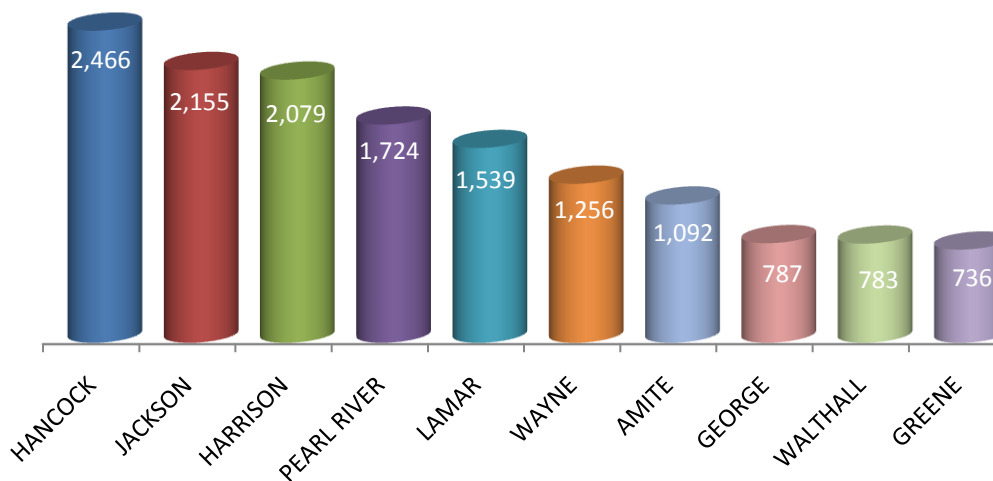
From 07/01/2008 to 06/30/2009

County Name	Acres Burned	No. Fires	County Name	Acres Burned	No. Fires
Hancock	2,466	200	Tippah	234	36
Jackson	2,155	94	Panola	220	11
Harrison	2,079	142	Itawamba	216	28
Pearl River	1,724	140	Simpson	205	34
Lamar	1,539	101	Covington	204	31
Wayne	1,256	42	Jones	204	25
Amite	1,092	99	Webster	204	32
George	787	71	Jasper	191	38
Walthall	783	36	Lafayette	191	12
Greene	736	38	Grenada	190	14
Lincoln	734	57	Madison	182	14
Holmes	634	52	Wilkinson	170	18
Marshall	558	42	Tallahatchie	160	11
Stone	554	64	Franklin	151	23
Jefferson Davis	526	73	Carroll	150	29
Winston	477	25	Lowndes	149	16
Marion	470	76	Lauderdale	146	24
Alcorn	438	36	Monroe	146	26
Tishomingo	387	45	Newton	121	24
Yalobusha	375	27	Union	109	14
Perry	370	28	Yazoo	86	5
Montgomery	352	9	Scott	73	11
Lawrence	320	31	Pontotoc	61	9
Claiborne	319	11	Jefferson	60	15
Pike	319	43	Lee	57	10
Clarke	306	29	Prentiss	57	11
Attala	294	32	Calhoun	56	8
Benton	288	25	Oktibbeha	51	8
Smith	282	19	Noxubee	48	5
Tate	280	8	Issaquena	40	1
Kemper	278	21	Neshoba	37	14
Hinds	274	19	Choctaw	34	8
Leake	267	51	Clay	34	9
Copiah	248	36	Chickasaw	13	6
Rankin	247	23	Adams	10	1
Forrest	234	40			

Total Fires- FY09 Top Ten Counties



Acres Burned - FY09 Top Ten Counties



Statewide Five-Year Wildfire Summary

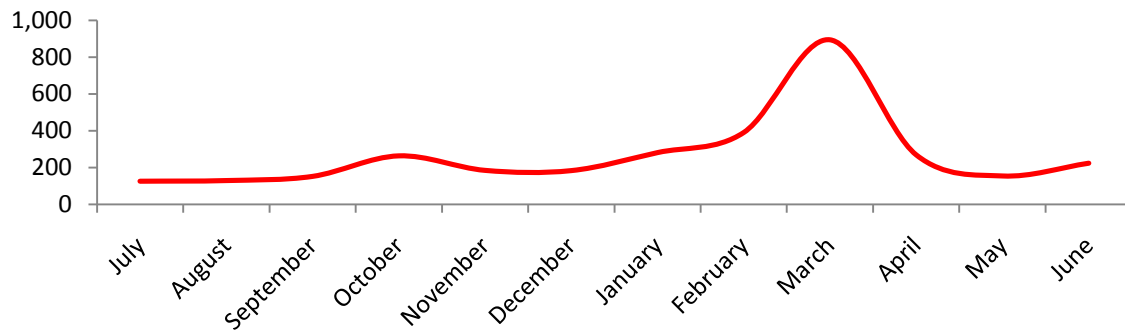
Fiscal Year 2005-2009

Number Of Wildfires By Month													
Fiscal Year	July	August	September	October	November	December	January	February	March	April	May	June	Total
2009	173	47	15	63	181	76	224	509	559	133	27	179	2,186
2008	43	215	93	181	106	108	122	319	664	121	78	125	2,175
2007	374	235	260	222	88	174	64	593	1,218	245	236	242	3,951
2006	25	70	219	729	526	422	708	349	1,453	683	265	528	5,977
2005	17	83	176	125	25	140	290	184	574	163	168	47	1,992
5-Year Average	126	130	153	264	185	184	282	391	894	269	155	224	3,256

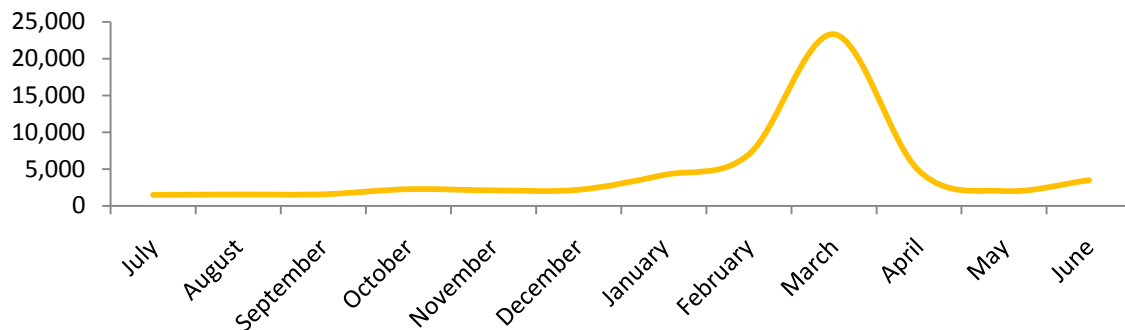
Number Of Acres Burned By Month													
Fiscal Year	July	August	September	October	November	December	January	February	March	April	May	June	Total
2009	2,063	520	70	368	2,217	950	2,587	7,085	9,947	1,326	196	1,494	28,823
2008	251	2,797	1,167	1,566	967	849	937	4,687	13,748	1,566	766	852	30,153
2007	4,416	3,345	3,801	2,152	1,587	2,266	946	13,151	24,593	3,571	2,528	2,757	65,113
2006	589	633	1,473	6,129	5,651	5,300	11,850	6,542	54,142	15,547	4,907	12,070	124,833
2005	77	391	1,319	1,072	68	1,521	4,616	3,396	14,135	1,754	1,628	201	30,178
5-Year Average	1,479	1,537	1,566	2,257	2,098	2,177	4,187	6,972	23,313	4,753	2,005	3,475	55,820

Average Acres Burned By Month													
Fiscal Year	July	August	September	October	November	December	January	February	March	April	May	June	Total
2009	11.9	11.1	4.7	5.8	12.2	12.5	11.5	13.9	17.8	10.0	7.3	8.3	13.2
2008	5.8	13.0	12.5	8.7	9.1	7.9	7.7	14.7	20.7	12.9	9.8	6.8	13.9
2007	11.8	14.2	14.6	9.7	18.0	13.0	14.8	22.2	20.2	14.6	10.7	11.4	16.5
2006	23.6	9.0	6.7	8.4	10.7	12.6	16.7	18.7	37.3	22.8	18.5	22.9	20.9
2005	4.5	4.7	7.5	8.6	2.7	10.9	15.9	18.5	24.6	10.8	9.7	4.3	15.1
5-Year Average	11.5	10.4	9.2	8.2	10.5	11.4	13.3	17.6	24.1	14.2	11.2	10.7	15.9

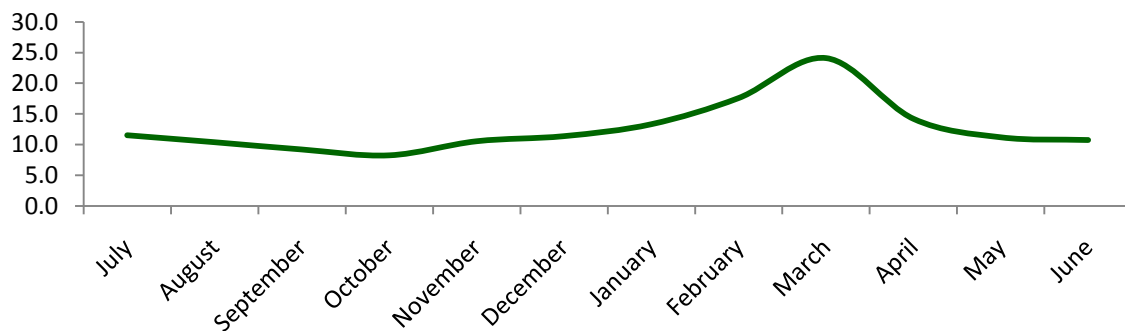
Number of Wildfires (5 Year Average) FY 2005 - 2009



Acres Burned (5 Year Average) FY 2005 - 2009



Average Acres Burned Per Wildfire (5 Year Average) FY 2005 - 2009

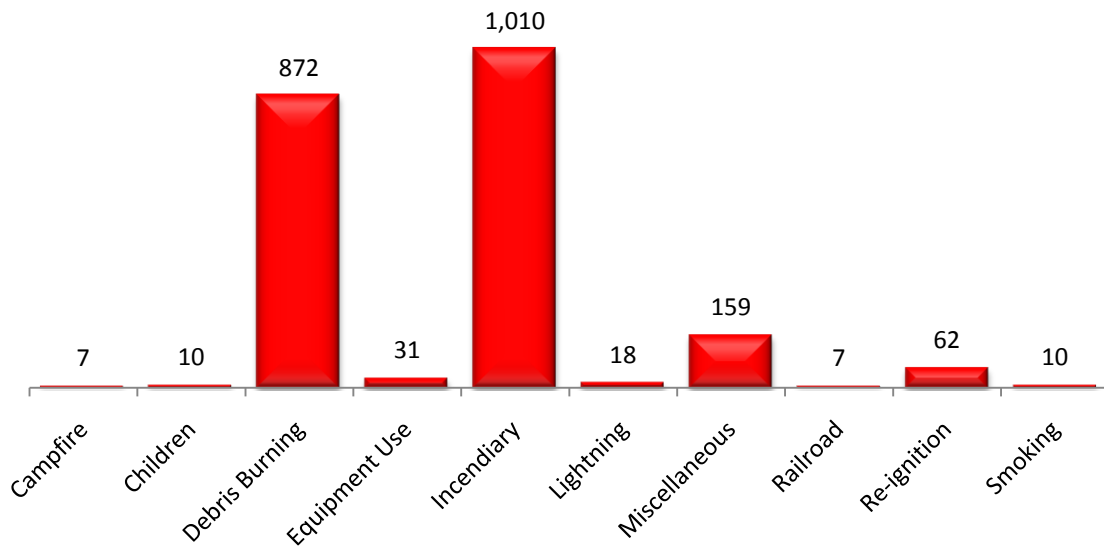


Wildfires By Fire Causes Categories

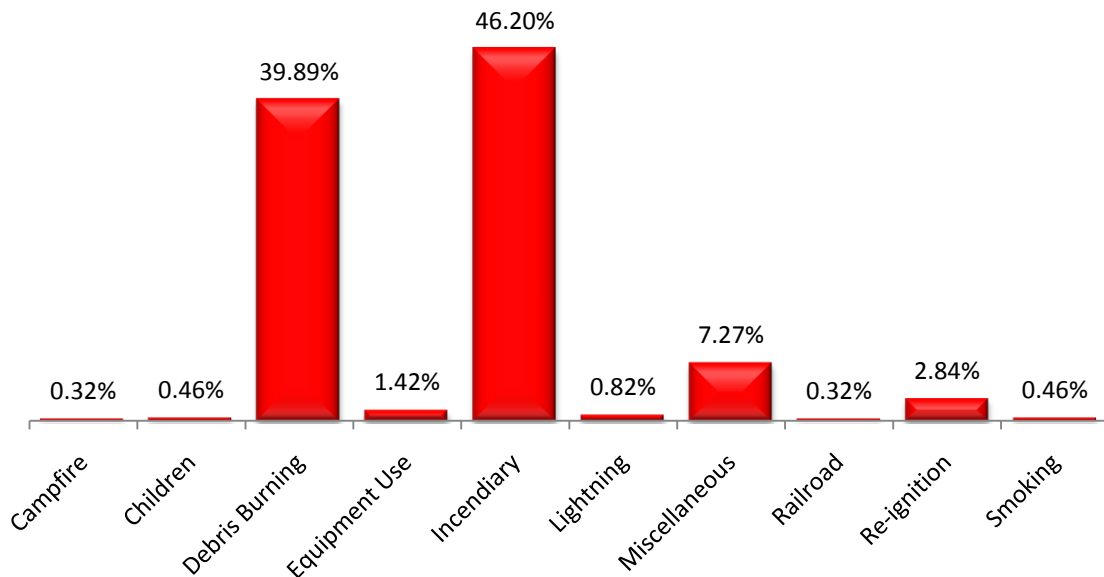
Cause	Fiscal Year 2009		5 Year Average		10 Year Average	
	Number Wildfires	Acres Burned	Number Wildfires	Acres Burned	Number Wildfires	Acres Burned
Campfires	7	24	5	25	5	28
Children	10	101	15	359	20	253
Debris Burning	872	8,292	1,272	15,288	1,269	13,673
Equipment Use	31	297	62	651	67	636
Incendiary	1,010	16,504	1,524	31,172	1,679	30,593
Lightning	18	419	22	375	31	381
Miscellaneous	159	2,316	180	2,270	189	2,479
Railroad	7	69	14	290	17	249
Re-ignition	62	713	136	4,223	189	2,900
Smoking	10	88	17	178	31	397
Total	2,186	28,823	3,247	54,831	3,497	51,589

- In fiscal year 2009, 99.2% of all wildfire were caused by human. Of these, roughly 86% were escapes from debris burning or arson. (Incendiary = 46.20%, debris burning = 39.9%)
- For fiscal years 2005 to 2009, 99.3% of all wildfires were causes by human. Of these, roughly 86.1% were caused by debris burning or arson. (Incendiary = 46.9%, debris burning = 39.17%)
- For fiscal year 2000 to 2009, 99.12% of all wildfires were causes by human. Of these, roughly 84.3% percent were caused by debris burning or arson. (Incendiary = 48.0%, debris burning = 36.3%)

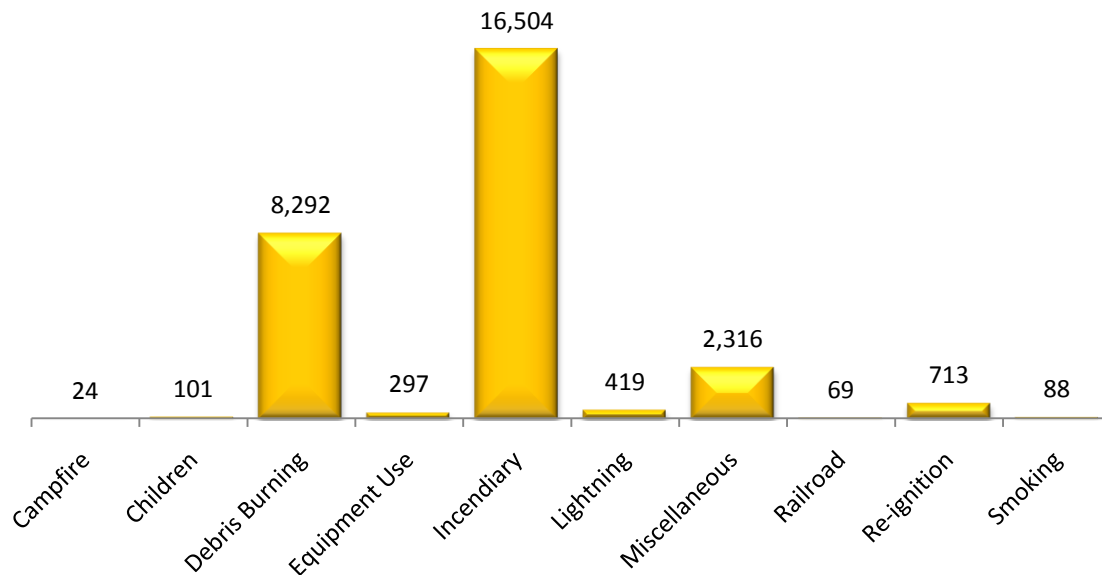
Wildfires By Wildfire Causes Fiscal Year 2009



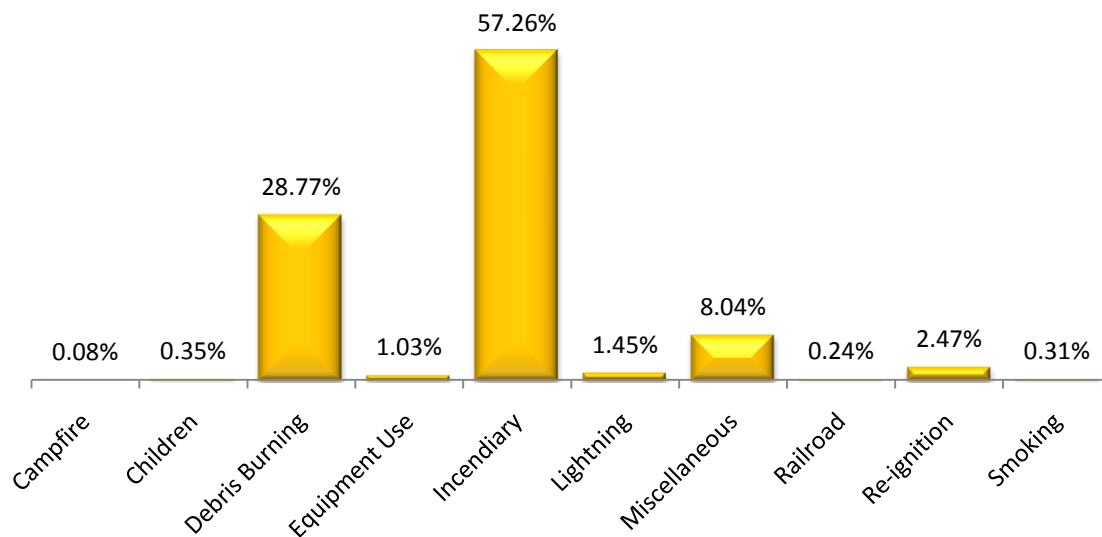
Percent of Wildfires By Wildfire Causes Fiscal Year 2009



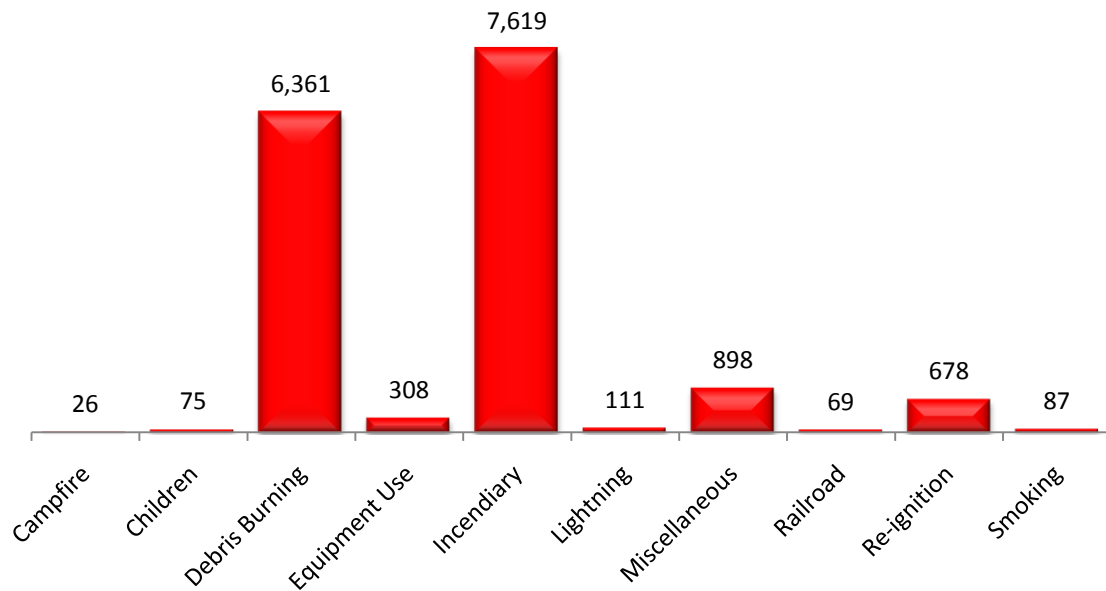
Acres Burned By Wildfire Causes Fiscal Year 2009



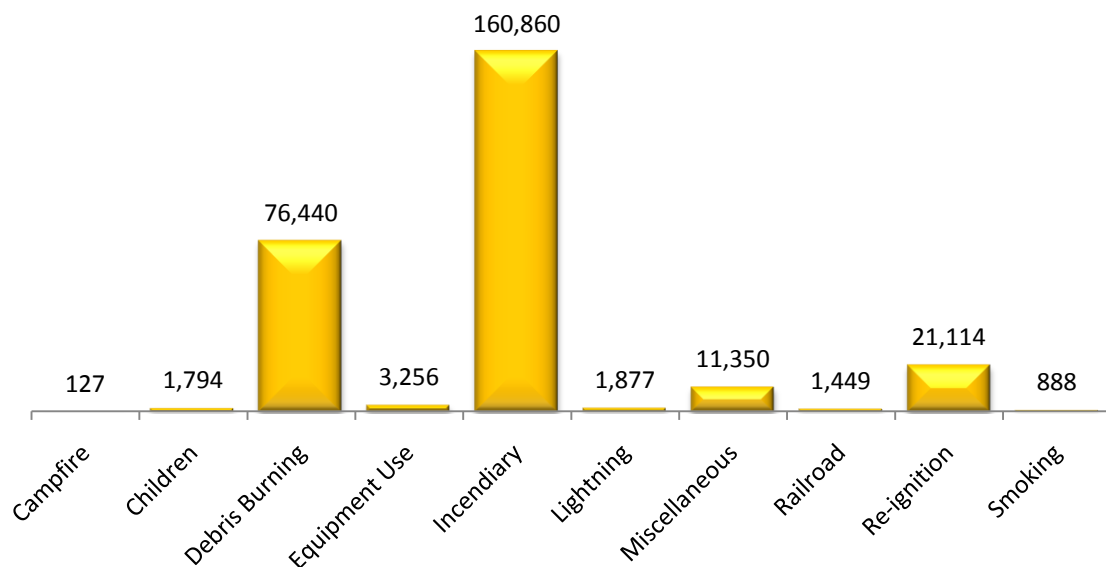
Percent of Acres Burned By Wildfire Causes Fiscal Year 2009



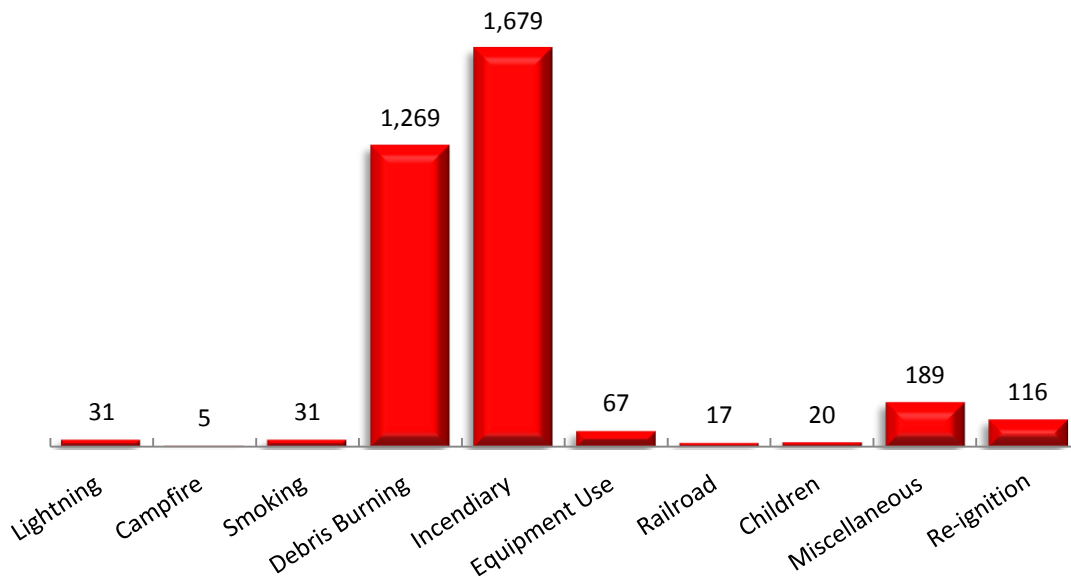
Wildfires By Wildfire Causes 5 Year Average



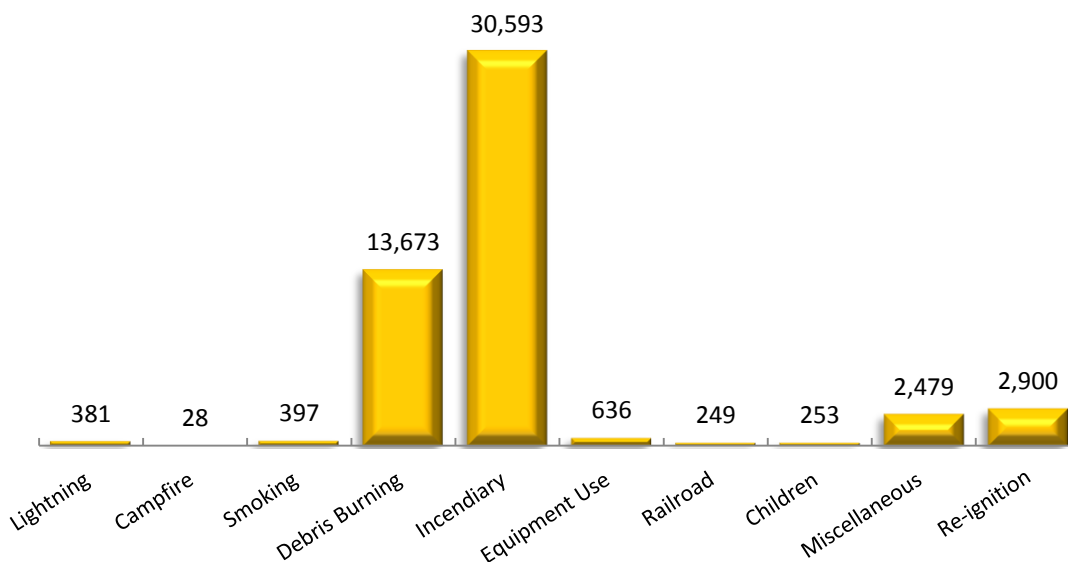
Acres Burned By Wildfire Causes 5 Year Average



Wildfires By Wildfires Causes 10 Year Average



Acres Burned By Wildfire Causes 10 Year Average





MISSISSIPPI FORESTRY COMMISSION
660 NORTH STREET, SUITE 300
JACKSON, MISSISSIPPI 39202
(601) 359-1386
www.mfc.state.ms.us

The Mississippi Forestry Commission provides equal employment opportunity and services to all individuals regardless of disability, race, age, religion, color, gender, creed, nation origin or political affiliation. This institution is an equal opportunity provider.